United States Patent [19] Tomalia et al.			[11] <b>4,435,548</b> [45] <b>Mar. 6, 1984</b>	
[54]	BRANCHI	ED POLYAMIDOAMINES	3,528,928 9/1970 Rushton	
[75]	Inventors:	Donald A. Tomalia; Larry R. Wilson; Jerry R. Conklin, all of Midland, Mich.		
[73]	Assignee:	The Dow Chemical Company, Midland, Mich.	[57] ABSTRACT	
[21]	Appl. No.:	•	Branched polyamidoamines bearing a plurality of pen- dant aminoamide moieties exhibit properties which are superior to the linear polyamidoamines from which the	
[22]	Filed:	Apr. 27, 1981		
[51] [52]	U.S. Cl		branched polymers are derived. The branched polyamidoamine is readily prepared by reacting a linear polyamidoamine with an alkyl acrylate or methacrylate	
[58]	Field of Search 528/332, 363; 525/451		to prepare a polymer with pendant ester moieties. The	

[56]

References Cited

**U.S. PATENT DOCUMENTS** 

7 Claims, No Drawings

ester moieties are then reacted with an alkylene diamine

or a polyalkylene polyamine to produce the pendant

aminoamide groups.